

# Converting Colors

HunterLab(78.1579, -4.5887,  
5.3296)

Have a look what the booklet for  
HunterLab(78.1579, -4.5887, 5.3296)  
contains.

|  |    |
|--|----|
| <b>HunterLab(78.0728, -4.5058, 5.1220)</b> ..... | 3  |
| <b><i>Conversions</i></b> .....                  | 4  |
| <b><i>Details</i></b> .....                      | 6  |
| <b><i>Harmonies</i></b> .....                    | 12 |
| <b><i>Previews</i></b> .....                     | 23 |
| <b><i>Color Blindness Simulation</i></b> .....   | 27 |
| <b><i>CSS Examples</i></b> .....                 | 30 |

# Color

**HunterLab(78.0728, -4.5058,  
5.1220)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | CDCDCB                    |
| RGB           | 205, 205, 203             |
| RGB Percent   | 80%, 80%, 80%             |
| CMY           | 0.1961, 0.1961, 0.2039    |
| CMYK          | 0.00, 0.00, 0.01, 0.20    |
| HSL           | 60°, 2%, 80%              |
| HSV           | 60°, 1%, 80%              |
| XYZ           | 57.7877, 60.9536, 65.2195 |
| YIQ           | 204.7720, 0.6420, -0.6220 |

# Conversions

## Conversions Part 2

| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 203, 205, 203                |
| Decimal                             | 13487563                     |
| CIE Lab                             | 82.36, -0.36, 0.99           |
| CIE LCh                             | 82, 1.049, 110.097           |
| Yxy                                 | 60.9562, 0.3141,<br>0.3313   |
| Android<br>(android.graphics.Color) | 4291677643<br>(0xFFCDCDCB)   |
| YUV                                 | 204.7720, -0.8736,<br>0.2000 |
| Hunter-Lab                          | 78.0728, -4.5058,<br>5.1220  |

# Details

The HunterLab color  $78.0728, -4.5058, 5.1220$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $77.3420, -3.7818, 3.3125$ , and the grayscale version is  $78.0416, -4.1641, 4.2401$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $55.5720, -3.2859, 3.8496$  is the 20% darker color. If you saturate the color by 10%, you get  $77.4836, -7.7526, 13.5368$ , and if you desaturate by 10%, it is  $78.7430, -0.8649, -4.3271$ .

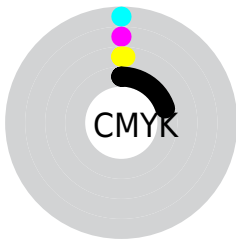
# Distribution



- Red (80%)
- Green (80%)
- Blue (80%)



- Red (80%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.0728, -4.5058, 5.1220 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 78.0728, -4.5058, 5.1220 by changing the saturation by 10% instead.



■ 78.0728, -4.5058,  
5.1220

■ 78.0728, -4.5058,  
5.1220

206.9091,  
-11.5186, 12.4747

■ 66.4755, -3.8705,  
4.4457

103.0609, -5.8750,  
6.5690

■ 55.5156, -3.2664,  
3.8003

116.3947, -6.6025,  
7.3348

■ 45.2346, -2.6974,  
3.1885

130.2586, -7.3578,  
8.1280

■ 35.6806, -2.1656,  
2.6123

144.6329, -8.1398,  
8.9476

■ 26.9140, -1.6740,  
2.0737

159.5003, -8.9476,  
9.7927

■ 19.0130, -1.2261,  
1.5754

174.8449, -9.7805,

■ 12.0854, -0.8264,

10.6628

1.1201

190.6522,  
-10.6377, 11.5570

■ 5.1062, -0.5804,  
1.0778

0.0000, NaN, NaN

■ 78.0728, -4.5058,  
5.1220

■ 78.0728, -4.5058,  
5.1220

■ 77.4836, -7.7526,  
13.5368

■ 78.7430, -0.8649,  
-4.3271

■ 76.9690, -10.5987,  
20.9111

■ 79.4902, 3.1710,  
-14.8027

■ 76.5286, -13.0487,  
27.2536

■ 79.9253, 5.5009,  
-20.8358

■ 76.1599, -15.1097,  
32.5827

■ 79.9286, 5.5121,  
-20.8306

75.8600, -16.7930,  
36.9282

79.9320, 5.5234,  
-20.8254

75.6249, -18.1150,  
40.3327

79.9354, 5.5347,  
-20.8202

75.4505, -19.0973,  
42.8530

79.9387, 5.5460,  
-20.8149

75.3312, -19.7681,  
44.5621

79.9421, 5.5573,  
-20.8097

75.2605, -20.1634,  
45.5543

79.9455, 5.5686,  
-20.8045

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0745, -4.0008, 5.1657



78.0728, -4.5058, 5.1220



78.0745, -4.9230, 4.8475

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.0745, -4.5077, 5.1232



78.0745, -4.7999, 3.5288



78.0745, -3.1989, 4.0887

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78.0728, -4.5058, 5.1220



77.3420, -3.7818, 3.3125

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0745, -3.4142, 3.6473



78.0728, -4.5058, 5.1220



78.0745, -4.3391, 3.3226

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0745, -4.5077, 5.1232



78.0745, -5.0914, 3.9277



78.0745, -3.8319, 3.3662



78.0745, -3.2444, 4.5706



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.0728, -4.5058, 5.1220



78.0745, -5.0925, 4.5676



78.0745, -3.8319, 3.3662



78.0745, -3.2432, 3.9307

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78.0745, -4.5077, 5.1232

100.0000, -5.3358, 5.4332



77.4625, -3.4878, 4.4250



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0745, -4.5077, 5.1232



99.9179, -5.7846, 6.5973



77.9838, -4.8236, 5.0120



36.4234, -2.0967, 2.3742



59.3538, -16.0518, 36.2925



13.4824, -3.6411, 8.2441



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77.3420, -3.7818, 3.3125



98.9466, -4.8219, 4.1959



77.4329, -3.4664, 3.4259



36.0949, -1.7713, 1.5623



16.5710, 44.9369, -117.6517

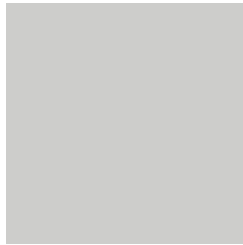


3.7685, 10.2099, -26.6831



# Previews

## White Background



This preview shows how the HunterLab color 78.0728, -4.5058, 5.1220 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the HunterLab color 78.0728, -4.5058, 5.1220 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

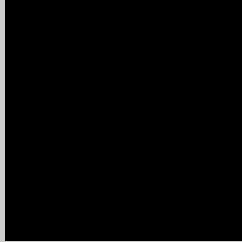
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

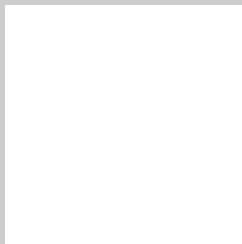
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# HunterLab 78.0728, -4.5058, 5.1220 Background



This preview shows how black text looks on a background with the HunterLab color 78.0728, -4.5058, 5.1220.



This preview shows how white text looks on a background with the HunterLab color 78.0728, -4.5058,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

78.0728, -4.5058, 5.1220

### Protanopia

78.1059, -2.8821, 5.6618

### Deuteranopia

77.9457, 5.9093, 4.6794



## Tritanopia

78.1612, -0.0448, -2.6753

# Trichromacy



## Original Color

78.0728, -4.5058, 5.1220

## Protanomaly

78.0128, -3.2047, 5.5482

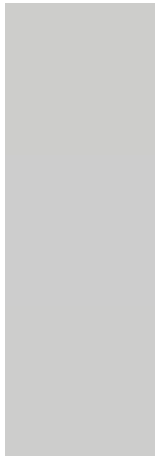
## Deuteranomaly

78.1270, 1.9595, 4.8228

## Tritanomaly

78.1739, -1.9561, 0.3920

# Monochromacy



## Original Color

78.0728, -4.5058, 5.1220

## Achromatopsia

78.1342, -4.1690, 4.2452

## Achromatomaly

78.1034, -4.3379, 4.6848

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.0728, -4.5058, 5.1220 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(205, 205, 203)` looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(205, 205, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 203) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.0728, -4.5058, 5.1220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 205, 203) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(205, 205, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(205, 205, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 203);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
203) }
```



# Background

The CSS property to change the background color of an element to HunterLab 78.0728, -4.5058, 5.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(205,  
205, 203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor